

FHWA APPROVAL

DATE: 2-27-81

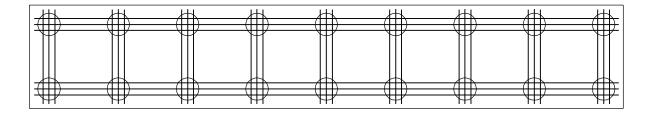
1-22-01

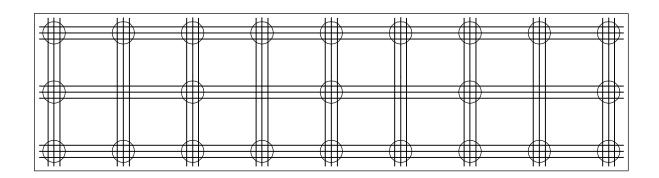
8-18-05

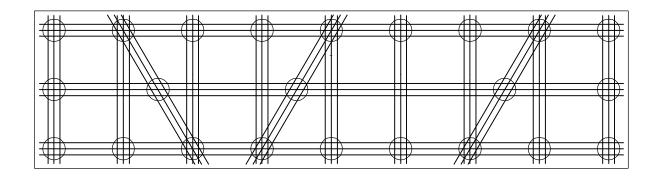
STANDARD NO. BR-SB(6.02)-80-121

SUBSTRUCTURE GENERAL

SHEET \_\_\_\_ OF\_\_







## TYPICAL PIER FOOTING PLANS

Scale: 3/16"=1'-0"

I.All rebars shall be 3-#6 @ 4"c/c.

2.Lower mat of bars shall be 3" (vertical) above

top of center line of pile.

3. All piles shall be crossed at least twice.

4. The direction taken by bars shall wherever possible be, the shortest distance between piles.

5.In all cases the total pattern shall be shown on

Contract Documents.

6.0 denotes all piling, cast-in-place, steel H piles, etc. When showning on Contract Documents H piles shall be shown with the normal "H" symbol.

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DATE:

7.In laying out pile plan, if possible, piles shall be positioned to minimize need for diagonal bars.

8.A note in area of rebar pattern shall appear on Contract Documents as follows "Shop plans shall show how rebars are to be tied as well as how they will be held in place above piling while pour is being made."

	APPROVAL					
	C.S Freedman DIRECTOR OFFICE OF BRIDGE DEVEL.					
	DATE: 10/14/82					
	REVISIONS					
ı	SHA FH	VA .				

1-22-01

FOR OFFICE USE ONLY

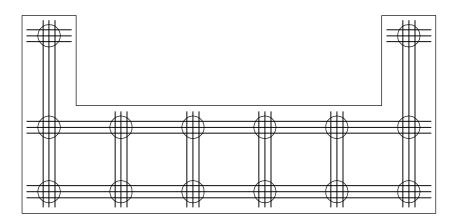
STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF BRIDGE DEVELOPMENT

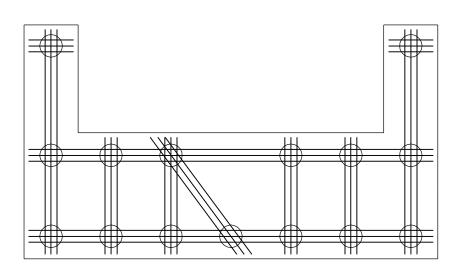
REBAR MAT PATTERN OVER PILING

**STANDARD NO.** BR-SB(6.04)-82-132

SHEET  $\perp$  OF 3

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## TYPICAL ABUTMENT FOOTING PLANS Scale: 3/6"=1'-0"

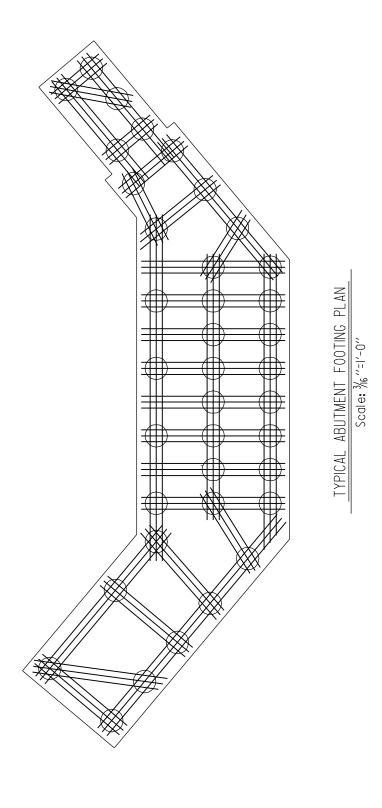
See notes on Sheet Lof 3.

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31	APPR	IOVAL	STATE OF MARYLAND	
	OFFICE OF B	RIDGE DEVEL.	DEPARTMENT OF TRANSPORT STATE HIGHWAY ADMINISTRA OFFICE OF BRIDGE DEVELOPME	ATION
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FHWA APPROVAL	1-22-01		STANDARD NO. BR-SB(6,04)-82-132	SHE
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SHEET 2 OF 3



See notes on Sheet Lof 3.

APPROVAL

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OFFICE OF BRIDGE DEVEL

DATE: 10/14/82

 REVISIONS

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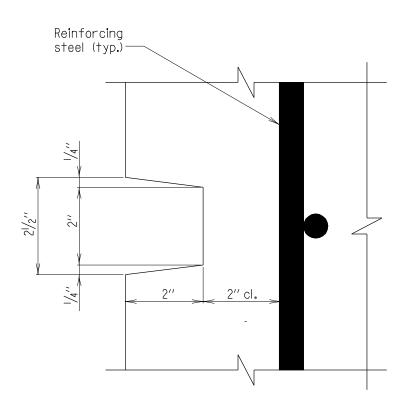
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF BRIDGE DEVELOPMENT

REBAR MAT PATTERN OVER PILING

**STANDARD NO.** BR-SB(6.04)-82-132

SHEET 3 OF 3

SUBSTRUCTURE-GENER



GROOVE DETAIL

Scale: None

OFFICE OF BRIDGE DEVEL.				
DATE: 3/14	/94			
REVISIONS				
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FHWA APPROVAL

DATE:

APPROVAL

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF BRIDGE DEVELOPMENT

GROOVE DETAIL FOR SUBSTRUCTURE ELEMENTS

**STANDARD NO.** BR-SB(6,41)-94-299

SHEET \_\_\_ OF\_\_

<u>SUBSTRUCTURE</u>